

Please type a plus sign (+) inside this box →

Based on PTO/SB/08 a & b (05-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/716,265
				Filing Date	11/17/2003
				First Named Inventor	Tomas Pun
				Group Art Unit	2621
				Examiner Name	Werner, David N.
Sheet	1	of	3	Attorney Docket Number	APLE.P0037

U.S. PATENT DOCUMENTS						
Examiner* Initials	Cite No. ¹	U.S. Patent Document Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	5,231,484 A	07-27-1993	Gonzales, et al.		
	2.	5,623,308 A	04-22-1997	Civanlar, et al.		
	3.	5,650,860 A	07-22-1997	Uz, K. Metin		
	4.	5,654,760 A	08-05-1997	Ohtsuki, Tomoyuki		
	5.	5,726,711 A	03-10-1998	Boyce, Jill Macdonald		
	6.	5,872,598 A	02-16-1999	Legall, et al.		
	7.	5,929,914 A	07-27-1999	Normand, Guy		
	8.	5,986,712 A	11-16-1999	Peterson, et al.		
	9.	5,990,958 A	11-23-1999	Bheda, et al.		
	10.	6,014,181 A	01-11-2000	Sun, Kai		
	11.	6,125,147 A	09-26-2000	Florencio, et al.		
	12.	6,141,448 A	10-31-2000	Khansari, et al.		
	13.	6,324,217 B1	11-27-2001	Gordon, Donald F.		
	14.	6,480,539 B1	11-12-2002	Ramaswamy, S. Venkatachalapathy		
	15.	6,510,176 B1	01-21-2003	Fukuda, et al.		
	16.	6,639,942 B1	10-28-2003	Bayazit, Ulug		
	17.	6,694,060 B2	02-17-2004	Liu, et al.		
	18.	6,763,067 B2	07-13-2004	Hurst, Robert N.		
	19.	6,944,221 B1	09-13-2005	Keesman, Gerrit J.		
	20.	6,963,608 B1	11-08-2005	Wu, Siu-Wai		
	21.	7,103,099 B1	09-05-2006	Paz, et al.		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Please type a plus sign (+) inside this box →

Based on PTO/SB/08 a & b (05-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/716,265
				Filing Date	11/17/2003
				First Named Inventor	Tomas Pun
				Group Art Unit	2621
				Examiner Name	Werner, David N.
Sheet	2	of	3	Attorney Docket Number	APLE.P0037

U.S. PATENT APPLICATIONS						
Examiner* Initials	Cite No. ¹	U.S. Patent Document Number Kind Code ² (if known)		Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	22.	10/427,669		04-30-2003	Xiaochun Nie, et al.	Related Patent Application
	23.	10/427,843		04-30-2003	Thomas Pun, et al.	Related Patent Application
	24.	10/716,316		11-17-2003	Xiaochun Nie, et al.	Related Patent Application

U.S. PUBLISHED APPLICATIONS						
Examiner* Initials	Cite No. ¹	U.S. Patent Document Number Kind Code ²		Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	25.	2001/0000704	A1	05-03-2001	Fert, et al.	
	26.	2002/0094082	A1	07-18-2002	Jones, et al.	
	27.	2003/0142751	A1	07-31-2003	Hannuksela, Miska	
	28.	2005/0286631	A1	12-29-2005	Wu, et al.	
	29.	2006/0013298	A1	01-19-2006	Tong, et al.	

U.S. PATENT DOCUMENTS							
Examiner * Initials	Cite No. ¹	U.S. Patent Document		Date of filing MM-DD-YYY	Name of Patentee or Applicant of Cited Document	Date of Publication MM-DD-YYYY	Related Application Data
		Number	Kind Code ² (if known)				
	30.	Non-Final Office Action (10/427,669)		04-30-2003	Xiaochun Nie, et al.		Non-Final Office Action mailed 05-04-2007 of a related application with Attn. Docket APLE.P0020
	31.	Final Office Action (10/427,669)		04-30-2003	Xiaochun Nie, et al.		Final Office Action mailed 10-12-2006 of a related application with Attn. Docket APLE.P0020
	32.	Non-Final Office Action		04-30-2003	Xiaochun Nie, et al.		Non-Final Office Action mailed 03-20-2006 of a

Examiner Signature	Date Considered	
--------------------	-----------------	--

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Please type a plus sign (+) inside this box →

Based on PTO/SB/08 a & b (05-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/716,265
				Filing Date	11/17/2003
				First Named Inventor	Tomas Pun
				Group Art Unit	2621
				Examiner Name	Werner, David N.
Sheet	3	of	3	Attorney Docket Number	APLE.P0037

U.S. PATENT DOCUMENTS						
		(10/427,669)				related application with Attn. Docket APLE.P0020
	33.	Non-Final Office Action (10/427,843)		04-30-2003	Thomas Pun, et al.	Non-Final Office Action mailed 02-27-2007 of a related application with Attn. Docket APLE.P0028
	34.	Non-Final Office Action (10/716,316)		11-17-2003	Xiaochun Nie, et al.	Non-Final Office Action mailed 04-03-2007 of a related application with Attn. Docket APLE.P0036

NON PATENT LITERATURE DOCUMENTS				
Examiner * Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶	
	35.	Chow, K. W. and Liu, B. "Complexity based rate control for MPEG encoder". _Proceedings of the 1994 IEEE International Conference on Image Processing_ (ICIP-94), Vol. 1, pp. 263-267		
	36.	Lee, L. W. et al. "On the Error Distribution and Scene Change for the Bit Rate Control of MPEG". _IEEE Transactions on Consumer Electronics_ , Vol. 39, Issue 3 (June 11, 1993), pp. 545-554.		
	37.	Teixeira, L. and Ribeiro, H. "Analysis of a Two STEP MPEG Video System". _Proceedings of the 1997 IEEE International Conference on Image Processing_ , Vol. 1, pp. 350-352.		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**